

HOUSE BILL NO. 525

INTRODUCED BY KEANE, E. CLARK, COONEY, JACOBSON, A. OLSON

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4 A BILL FOR AN ACT ENTITLED: "AN ACT REVISING THE CLASSIFICATION FOR A THIRD-CLASS
5 ENGINEER LICENSE TO OPERATE A STEAM BOILER; ALLOWING A PERSON TO BE LICENSED AS
6 OTHER THAN A FIRST-CLASS OR SECOND-CLASS ENGINEER TO OPERATE A STEAM BOILER BY
7 COMPLETING A COURSE OF INSTRUCTION APPROVED BY THE DEPARTMENT ~~AND, BY~~ PASSING A
8 WRITTEN EXAMINATION ~~OR, AND~~ BY HAVING AN ENGINEER INFORM THE DEPARTMENT THAT THE
9 APPLICANT IS COMPETENT TO OPERATE THE TYPE OF BOILER FOR WHICH LICENSURE IS SOUGHT;
10 AND AMENDING SECTIONS 50-74-303 AND 50-74-304, MCA."

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12 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MONTANA:

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14 **Section 1.** Section 50-74-303, MCA, is amended to read:
15 **"50-74-303. Engineer's license classifications.** (1) Engineers entrusted with the operation, care, and
16 management of steam or water boilers and steam machinery, as specified in 50-74-302, are divided into five
17 classes, ~~namely:~~ including first-class engineers, second-class engineers, third-class engineers, agricultural-class
18 engineers, and low-pressure engineers.

19 (2) Licenses for the operation of steam or water boilers and steam machinery are divided into five
20 classifications in accordance with the following schedule:

21 (a) First-class engineers are licensed to operate all classes, pressures, and temperatures of steam and
22 water boilers and steam-driven machinery with the exception of traction and hoisting engines.

23 (b) Second-class engineers are licensed to operate steam boilers operating not in excess of 250 pounds
24 per square inch gauge saturated steam pressure, water boilers operating not in excess of 375 pounds per
25 square inch gauge pressure and 450 degrees F temperature, and steam-driven machinery not to exceed 100
26 horsepower per unit, with the exception of traction and hoisting engines.

27 (c) Third-class engineers are licensed to operate steam boilers operating not in excess of ~~400~~ 150
28 pounds per square inch gauge saturated steam pressure AND NOT IN EXCESS OF 150 HORSEPOWER PER HOUR and
29 water boilers operating not in excess of 160 pounds per square inch gauge pressure and 350 degrees F
30 temperature.

- 1 (d) Agricultural-class engineers are licensed to operate steam boilers that operate not in excess of 150
2 pounds per square inch saturated steam pressure and that:
- 3 (i) are not operated for more than 6 months of the year; and
4 (ii) are not operated for purposes other than the harvesting or processing of agricultural products.
- 5 (e) Low-pressure engineers are licensed to operate steam boilers operating not in excess of 15 pounds
6 per square inch gauge pressure and water boilers operating not in excess of 50 pounds per square inch gauge
7 pressure and 250 degrees F temperature."

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9 **Section 2.** Section 50-74-304, MCA, is amended to read:

10 **"50-74-304. Requirements for engineer's license.** Each applicant for an engineer's license must be
11 physically and mentally capable of performing the required duties and ~~shall~~ must meet the following minimum
12 requirements for the class of engineer's license for which application is being made:

13 (1) ~~An Except as provided in subsection (6), an~~ applicant for a low-pressure engineer's license must
14 be 18 years of age or older, must have at least 3 months' full-time experience in the operation of a boiler in this
15 classification under an engineer who holds a valid low-pressure or higher license, is required to successfully
16 pass a written examination prescribed by the department, and must be found competent to operate a boiler in
17 this classification by the department.

18 (2) ~~An Except as provided in subsection (6), an~~ applicant for an agricultural-class engineer's license
19 must be 18 years of age or older, is required to successfully pass a written examination prescribed by the
20 department, and must be found competent to operate a boiler in this classification by the department.

21 (3) ~~An Except as provided in subsection (6), an~~ applicant for a third-class engineer's license must be
22 18 years of age or older, must have at least 6 months' full-time experience in the operation of a boiler in this
23 classification under an engineer holding a valid third-class or higher license, is required to successfully pass a
24 written examination prescribed by the department, and must be found competent to operate a boiler in this
25 classification by the department.

26 (4) ~~An Except as provided in subsection (6), an~~ applicant for a second-class engineer's license must
27 be 18 years of age or older and:

28 (a) must have at least 2 years' full-time experience in the operation of a boiler and steam-driven
29 machinery in this classification under an engineer holding a valid second-class or first-class license, is required
30 to successfully pass a written examination prescribed by the department, and must be found competent to

1 operate a boiler and steam-driven machinery in this classification by the department; or

2 (b) ~~shall~~ must hold a valid third-class engineer's license, must have at least 1 year's full-time experience
3 in the operation of a boiler and steam-driven machinery in this classification under an engineer holding a valid
4 second-class or first-class license, is required to successfully pass a written examination prescribed by the
5 department, and must be found competent to operate a boiler and steam-driven machinery in this classification
6 by the department.

7 (5) ~~An Except as provided in subsection (6), an AN~~ applicant for a first-class engineer's license must
8 be 18 years of age or older and:

9 (a) must have at least 3 years' full-time experience in the operation of a boiler and steam-driven
10 machinery in this classification under an engineer holding a valid first-class license, is required to successfully
11 pass a written examination prescribed by the department, and must be found competent to operate a boiler and
12 steam-driven machinery in this classification by the department;

13 (b) ~~shall~~ must hold a valid second-class engineer's license, must have at least 1 year's full-time
14 experience in the operation of a boiler and steam-driven machinery in this classification under an engineer
15 holding a valid first-class license, is required to successfully pass a written examination prescribed by the
16 department, and must be found competent to operate a boiler and steam-driven machinery in this classification
17 by the department; or

18 (c) ~~shall~~ must hold a valid third-class engineer's license, must have at least 2 year's full-time experience
19 in the operation of a boiler and steam-driven machinery in this classification under an engineer holding a valid
20 first-class license, is required to successfully pass a written examination prescribed by the department, and must
21 be found competent to operate a boiler and steam-driven machinery in this classification by the department.

22 (6) As an alternative to the requirements of subsections (1) through (5) (3), an applicant who is 18 years
23 of age or older may apply for and be issued a license for any of the ~~five~~ THREE classes of licenses provided for
24 in subsections (1) through (5) (3) if:

25 (a) the applicant completes a training course acceptable to the department that is specific to the class
26 of boiler license sought by the applicant and successfully passes a written examination administered by the
27 department that is specific to the class of boiler license sought by the applicant; ~~or~~ AND

28 (b) an engineer with a license at least equal to the class of boiler license sought by the applicant informs
29 the department that the applicant has worked with the type of boiler for which a license is sought under the
30 engineer's supervision for a minimum of 40 hours and that the applicant is competent to operate a boiler of the

1 class for which licensure is sought by the applicant."

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